



GORE® Filtration Products

FILTER CARTRIDGES

Acid-Resistant Aramid Felt
475 g/m² (14 oz/yd²)

DESCRIPTION

A 204 °C (400 °F) maximum service temperature, stayed-aramid felt filter cartridge for use in pulse jet style dust collectors where high differential pressure and high cleaning pressures are required due to aggressive dust loading.

FEATURES & BENEFITS

- GORE™ membrane technology provides an excellent combination of filtration efficiency and dust cake release.
- Polytetrafluoroethylene scrim offers superior chemical resistance and excellent dimensional stability.
- Unique acid-resistant treatment reduces the detrimental effects of moisture and acids.
- Withstands pressure drop up to 6.2 kPa (25 inches water gauge).
- Available in top, bottom, and horizontal loading configurations.

APPLICATIONS

- **Chemicals Processing:** Dryers, bin vents, and nuisance dust collectors in the pigment, plastic, and catalyst industries.
- **Minerals Processing:** Clinker coolers.
- **Metals Processing:** Process venting dust collectors for base metal kiln applications.

LAMINATE TECHNICAL DATA

Weight	475 g/m ² (14 oz/yd ²)
Fiber Content	100 % Virgin Aramid
Felt Construction	Supported Needlefelt with Acid-Resistant Treatment
Continuous Operating Temperature	204 °C (400 °F)
Maximum Surge Temperature	218 °C (425 °F)
Acid Resistance	Very Good
Alkali Resistance	Good
Breaking Strength	
• Warp	1112 N/5 cm (250 lb/2 in) wide sample
• Fill	1600 N/5 cm (360 lb/2 in) wide sample
Mullen Burst	4653 kPa (675 psi)
Thickness	1.91 mm (0.075 in)
Elongation at 50 lb	
• Warp	2.0 %
• Fill	5.5 %
Flame-Resistance Testing ASTM D 6413-08	
• After Flame	0 seconds
• After Glow	35.1 seconds
• Char Length	1.1 inches

Note: All data expressed as typical values. This technical data is subject to change. Please contact W. L. Gore & Associates, Inc., directly to confirm current information.

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